

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(electron AND emitter AND light AND window AND photo-responsive AND (housing or envelope) AND voltage AND electrons AND anode).CLM.	US-PGPUB	OR	ON	2006/03/10 15:49

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	667	(313/373,375,376,380,383,542,544).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/10 15:14
L2	44	1 and (((light or laser) with source) and anode)	USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 15:15
L3	53	1 and (((light or laser) with source) and anode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 15:15
L4	9	3 and (photodiode or photo-diode or (photo adj diode) or phototransistor or photo-transistor or (photo adj1 transistor))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 15:19
L5	3	4 and window and voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 15:16
L6	36	1 and (photodiode or photo-diode or (photo adj diode) or phototransistor or photo-transistor or (photo adj1 transistor) or photoresponsive or photo-responsive or (photo adj responsive))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 15:23
L7	0	1 and ((photodiode or photo-diode or (photo adj diode) or phototransistor or photo-transistor or (photo adj1 transistor) or photoresponsive or photo-responsive or (photo adj responsive)) with voltage with emitter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 15:20
L8	2	1 and ((photodiode or photo-diode or (photo adj diode) or phototransistor or photo-transistor or (photo adj1 transistor) or photoresponsive or photo-responsive or (photo adj responsive)) and voltage and emitter and window and (light or laser))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 15:23

## EAST Search History

L9	0	1 and ((photodiode or photo-diode or (photo adj diode) or phototransistor or photo-transistor or (photo adj1 transistor) or photoresponsive or photo-responsive or (photo adj responsive)) and voltage and emitter and window and (light or laser) and anode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 15:23
L10	7	1 and ((photodiode or photo-diode or (photo adj diode) or phototransistor or photo-transistor or (photo adj1 transistor) or photoresponsive or photo-responsive or (photo adj responsive)) and anode and window and (light or laser))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 15:25
L11	1801	((photodiode or photo-diode or (photo adj diode) or phototransistor or photo-transistor or (photo adj transistor) or photoresponsive or photo-responsive or (photo adj responsive)) and anode and window and (light or laser) and voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 15:26
L12	52	((photodiode or photo-diode or (photo adj diode) or phototransistor or photo-transistor or (photo adj transistor) or photoresponsive or photo-responsive or (photo adj responsive)) and anode and window and (light or laser) and voltage and (electron with emitter))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 15:29
L13	26	12 and ((light or laser) with window)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 15:30
S1	4	((("6385292") or ("6272199")).PN.	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/30 14:39
S2	10	Dunham-Bruce-Matthew.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/08 18:15
S3	0	S2 and (electron adj emitter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 14:18



## EAST Search History

S4	4	S2 and electron	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 14:22
S5	306	x-ray and light and (electron adj emitter) and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/09 18:53
S6	3	x-ray and light and (electron adj emitter adj assembly) and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 14:24
S7	5	x-ray and (electron adj emitter adj assembly) and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 14:26
S8	2	S7 not S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 14:24
S9	15	x-ray and (electron adj emitter adj device) and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 14:29
S10	15	S9 not S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 14:26
S11	15	S10 not S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 14:26
S12	6	x-ray and ((electron adj emitter) same vacuum same window) and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 14:30
S13	0	378/119,122,4-20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/30 14:39
S14	3819	(378/119,122,4-20).CCLS.	USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/08 18:52

## EAST Search History

S15	65	S14 and (photocathode or photo-cathode or (photo adj2 cathode) or photodiode or photo-diode or (photo adj2 diode) or phototransistor or photo-transistor or (photo adj2 transistor)) and (cathode or emitter) and laser	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/30 17:46
S16	128441	(photocathode or photo-cathode or (photo adj2 cathode) or photodiode or photo-diode or (photo adj2 diode) or phototransistor or photo-transistor or (photo adj2 transistor))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/30 17:42
S17	615945	(cathode or emitter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/30 14:41
S18	822110	laser	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/30 14:42
S19	65	S14 and S16 and S17 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/30 14:43
S20	63	S19 and x-ray	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/30 14:43
S21	43	S20 and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/30 14:44
S22	0	S21 and (housing same window same (vacuum or evacuated) same light same electrons)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/30 14:44
S23	36	S21 and electrons	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/30 14:45
S24	26	(electron adj emitter adj assembly)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/30 17:38

## EAST Search History

S25	7	S24 and light and anode and electrons	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/30 17:50
S26	3	S25 and x-ray	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/30 17:37
S27	5	S24 and laser	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/30 17:40
S28	388	x-ray and electrons and laser and ((light or laser) near5:mirror) and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/30 17:42
S29	143	S28 and (photocathode or photo-cathode or (photo adj2 cathode) or photodiode or photo-diode or (photo adj2 diode) or phototransistor or photo-transistor or (photo adj2 transistor))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 13:49
S30	19	S29 and "378"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/30 17:43
S31	6	S15 and ((vacuum or evacuated) same window same (laser or light) same anode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/30 17:47
S32	3819	(378/119,122,4-20).CCLS.	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/31 13:49
S33	4451	(378/119,122,4-20).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/31 13:49
S34	611	S33 and (photodiode or photo-diode or (photo adj2 diode) or phototransistor or photo-transistor or (photo adj2 transistor))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 14:45
S35	2	S34 and (laser with mirror with (rotate or rotates or rotating or rotated))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 14:41



## EAST Search History

S36	9	S34 and (light with mirror with (rotate or rotates or rotating or rotated))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 13:51
S37	9	S36 not S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 13:51
S38	5	S33 and (laser with mirror with (rotate or rotates or rotating or rotated))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 14:44
S39	725	x-rays and (laser with mirror with (rotate or rotates or rotating or rotated))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 14:44
S40	114	S39 and (photodiode or photo-diode or (photo adj2 diode) or phototransistor or photo-transistor or (photo adj2 transistor))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 15:16
S41	12	S40 and (tomography or CT)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 15:17
S42	5	mirror and actuator and yun.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 15:19
S43	1	(mirror with actuator) and yun.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 15:20
S44	1	laser and (mirror with actuator) and yun.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 15:21
S45	154	x-ray and (laser same (mirror with actuator))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 15:25
S46	58	S45 and (tomography or CT)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 15:22
S47	4	S45 and (tomography or (computer\$ adj2 tomography))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 15:26

## EAST Search History

S48	492	x-ray and (laser same (mirror adj5 (rotate or rotates or rotating or rotated)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 15:26
S49	34	S48 and (tomography or (computer\$ adj2 tomography))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 15:26
S50	34	S49 not S47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 15:47
S51	2	("5485371").PN.	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/31 15:47
S52	1	S51 and mirror	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 15:49
S53	0	S51 and mirror4236080	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 15:49
S54	5	"4236080"	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 15:49
S55	4	("4236080").PN.	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/31 15:49
S56	2	S55 and mirror	USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/31 15:49
S57	15	Dunham-Bruce-Matthew.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/08 18:38
S58	18	Dunham-Bruce-M.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/08 18:38
S59	18	S58 not S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/08 18:39
S60	732	(378/119,122).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/08 18:52



## EAST Search History

S61	33	S60 and (photodiode or phototransistor or (photo adj diode) or (photo adj transistor) or photo-responsive)	USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/08 19:00
S62	46	S60 and (photodiode or phototransistor or (photo adj diode) or (photo adj transistor) or photo-responsive)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/08 18:54
S63	30	S62 and (light adj3 source)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/08 19:00
S64	9	(light adj3 source) and (photodiode or phototransistor or (photo adj diode) or (photo adj transistor) or photo-responsive) and (electron with emitter) and anode and x-ray	USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/08 19:00
S65	11	(light adj3 source) and (photodiode or phototransistor or (photo adj diode) or (photo adj transistor) or photo-responsive) and (electron with emitter) and anode and x-ray	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/09 10:37
S66	0	313/&.ccls. and (light with source) and window and ((photo adj responsive) or (photo adj diode) or (photo adj transistor)) and anode and (electron with emitter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/09 10:39
S67	0	313/&.ccls. and ((light with source) and window and ((photo adj responsive) or (photo adj diode) or (photo adj transistor)) and anode and (electron with emitter))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/09 10:39
S68	0	313/&.ccls. and (((photo adj responsive) or (photo adj diode) or (photo adj transistor)) and anode and (electron with emitter))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/09 18:54
S69	0	"313"/\$.ccls. and ((light with source) and window and ((photo adj responsive) or (photo adj diode) or (photo adj transistor)) and anode and (electron with emitter))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/09 10:40
S70	78124	"313"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/09 10:40

## EAST Search History

S71	0	S70 and ((light with source) and window and ((photo adj responsive) or (photo adj diode) or (photo adj transistor)) and anode and (electron with emitter))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/09 11:00
S72	6	S70 and (((photo adj responsive) or (photo adj diode) or (photo adj transistor)) and anode and (electron with emitter))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/09 10:40
S73	5	S70 and ((light with source) and ((photo adj responsive) or (photo adj diode) or (photo adj transistor)) and anode and (electron with emitter))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/09 11:01
S74	0	S73 not S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/09 11:01
S75	11	((("6385292") or ("6181765") or ("6516048") or ("5680431") or ("6042058")).PN.	USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 17:42
S76	15	((("6385292") or ("6181765") or ("6516048") or ("5680431") or ("6042058") or ("4606061") or ("4198675")).PN.	USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 17:56
S77	15	((("6385292") or ("6181765") or ("6516048") or ("5680431") or ("5042058") or ("4606061") or ("4198675")).PN.	USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/09 17:56
S78	333	x-ray and light and (electron adj emitter) and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/09 18:55
S79	3	S78 and ((photo adj responsive) or (photo adj diode) or (photo adj transistor))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/09 18:56
S80	651	(x-ray or radiation) and light and (electron adj emitter) and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/09 18:57
S81	6	S80 and ((photo adj responsive) or (photo adj diode) or (photo adj transistor))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/09 18:58
S82	3	S81 not S79	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/09 18:56

## EAST Search History

S83	1326	(x-ray or radiation) and light and (electron with emitter) and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/09 18:58
S84	14	S83 and ((photo adj responsive) or (photo adj diode) or (photo adj transistor))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/09 18:58
S85	8	S84 not S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/09 18:58